

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. .... 10/628,729  
Filing Date ..... 7/28/2003  
Confirmation No. .... 4013  
Inventorship ..... Anne Kirsten Eisentraeger  
Applicant ..... Microsoft Corporation  
Group Art Unit ..... 2136  
Examiner ..... CARL G COLIN  
Attorney's Docket No. .... MS1-1280US  
Title:..... Improved Tate Pairing Techniques for use with Hyperelliptic Curves

**AMENDMENTS**

**RESPONSE TO NON-FINAL OFFICE ACTION DATED JUNE 28, 2007**

To:        Commissioner for Patents  
          PO Box 1450  
          Alexandria, VA 22313-1450

From:      Shirley Lee Anderson  
          (Tel. 509-324-9256 ext. 258; Fax 509-323-8979)  
          Lee & Hayes, PLLC  
          421 W. Riverside Avenue, Suite 500  
          Spokane, WA 99201  
          Customer Number 22801

Sir:

This communication is responsive to the Office Action dated June 28, 2007, for which the three month statutory period for response is set for September 28, 2007. Please amend the above-captioned application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 17 of this paper.